

Reviewer's Reference for Creative WP-250 *Bluetooth* Wireless Headphones with “Invisible Mic”



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An Overview

Active lifestyle wireless music and chats

With the Creative WP-250 *Bluetooth*® headphones with “invisible mic”, not only can you make and receive phone calls wirelessly, you can enjoy your favorite tracks on the move. Designed for today's active lifestyles, the WP-250 has an in-ear, behind-the-neck design that offers a secure fit during any physical activity. It also features an invisible microphone for pristine-clear, hands-free phone conversations.

With *Bluetooth* connectivity, nothing gets in your way - including tangled wires! - so you can stay focused on your workout while immersed in clear wireless music. Adding to the WP-250's superior audio qualities are acoustically tuned Neodymium micro drivers. Ideal for use with compatible stereo *Bluetooth*-enabled mobile phones or MP3 players, you'll also enjoy basic remote control operations like play, pause and skip track.

That's not all. A flexi-memory neckband provides a secure fit when worn and can be neatly coiled for travel. A fully charged battery offers hours of uninterrupted music listening and talk time - more than enough for that gym workout or hitting the streets!

The Creative logo is displayed in white, uppercase letters on a dark grey background. The letter 'A' is stylized with a triangle shape inside it. A registered trademark symbol (®) is located to the upper right of the 'E'.

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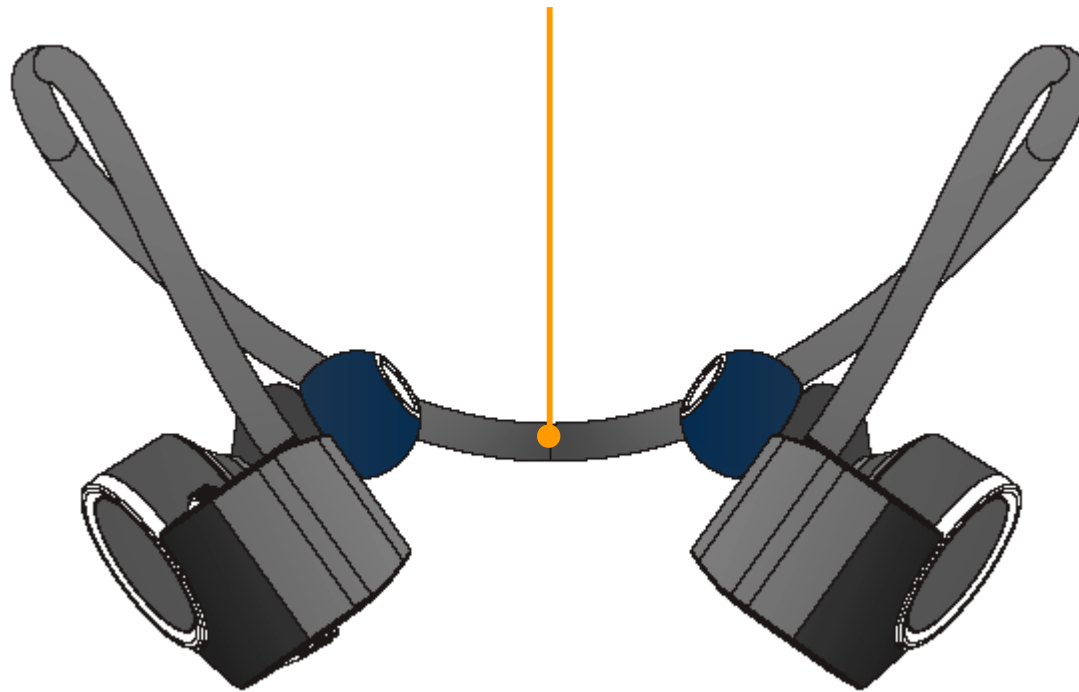
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Key Highlights

Flexi-memory neckband is rigid enough to support a sturdy wearable frame while at the same time, supple enough to flex according to the head size of the listener. It can also be coiled into an ultra-compact package for travel purpose



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Key Highlights



Works with ALL compatible *Bluetooth* mobile audio devices such as music phones, iPhone, iPod, iPad or computers. Stream high quality content wirelessly from up to 10 meters or 33 feet

A concealed microphone lets you pause your music and pick up a voice call seamlessly, without an interfering microphone boom jutting across your face. A sensitive microphone pickup with an effective noise shield deliver clear voice calls, even under noisy and windy conditions

**INVISIBLE
MIC**

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Key Highlights



FastStream codec allows smooth bi-directional audio + voice for Internet chats or in-game conversations with optional BT-W1 *Bluetooth* transceiver



In-ear earphone design with powerful Neodymium drivers significantly block out ambient noise while allowing an accurate reproduction of music, movie or gaming audio. Comes with 3 sizes of in-ear eartips too for a personalized fit

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Key Highlights



Intuitive call, playback and volume controls on the right earpiece that are easily accessible for making adjustments on-the-fly

Featherweight in-ear design with a frame that can be coiled for ease of portability and storage.

Easily charge from computers with an USB port. It comes with a micro-USB cable for your charging needs as well

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Key Highlights



A perfect usage experience from its ergonomically placed call and playback controls, choice of high quality built material or right down to the ideal control timings, the WP-250 left nothing to chance. Every single detail was perfected through a broad and intensive regime of stringent tests for durability, compatibility, usability and of course, for the pure joy of just listening to these headphones

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Operational Details

Charging headset

- Connect the Right earpiece to your laptop or computer using the supplied USB cable
- The indicator lights up in Red. It will be fully charged in about 2 hours
- You can listen and operate the headset while charging

Pairing new *Bluetooth* devices

- Press and hold the Multifunction button for more than 5 seconds on the Right earpiece until the indicator lights up in Blue and blinking rapidly
- Turn on *Bluetooth* search function on your audio or mobile device
- Select “Creative WP-250 Headset” and if prompted for a Passcode, key in “0000”
- Once paired, the Blue indicator on the Right earpiece blinks slowly
- Note that when pairing with a computer, connect the headset as a Hands-free Audio or Headset device instead of a Stereo Audio device in order to make use of the microphone function. If microphone function is not needed, it is recommended to connect as a Stereo Audio device for better playback performance. Certain *Bluetooth* solution detects the application that you are using and configures the microphone automatically. You are recommended to update your computer’s *Bluetooth* drivers to the latest.

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Operational Details

Playback from audio devices

- Turn on *Bluetooth* function on your paired audio device
- Press and hold the Multifunction button on the Right earpiece until the indicator lights up in Blue and blinks slowly. Press the Play button to establish connection
- You can now Play or Pause music playback, skip forward or reverse tracks, and make volume adjustments

Call functions with mobile phones

- Turn on *Bluetooth* function on your paired mobile device
- Press and hold the Multifunction button on the Right earpiece until the indicator lights up in Blue and blinks slowly. Press the Multifunction button to establish connection
- To activate voice dialling when no call is in progress, press the Multifunction button for about 1 second until the mobile phone starts voice dialling, and proceed as described in your mobile phone's user guide.
- To redial the number you last called when no call is in progress, press the Multifunction button for 2 seconds and release
- To answer or end a call, press and release the Multifunction button. To reject a call, press the Multifunction button for 2 seconds and release

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Operational Details

- To accept a call waiting and drop the ongoing call, press and release the Multifunction button. To accept a call waiting and put on hold to the ongoing call, press the Multifunction button twice. To accept a call waiting and join to the ongoing call (three-way call), press and release both the Multifunction and Volume Up “+” buttons.
- To transfer an ongoing call between the WP-250 and your mobile phone, press and hold the Multifunction button for 2 seconds and release.
- Note that features such as voice dial, last number redial or three-way call are phone dependent

Clear or reset headset

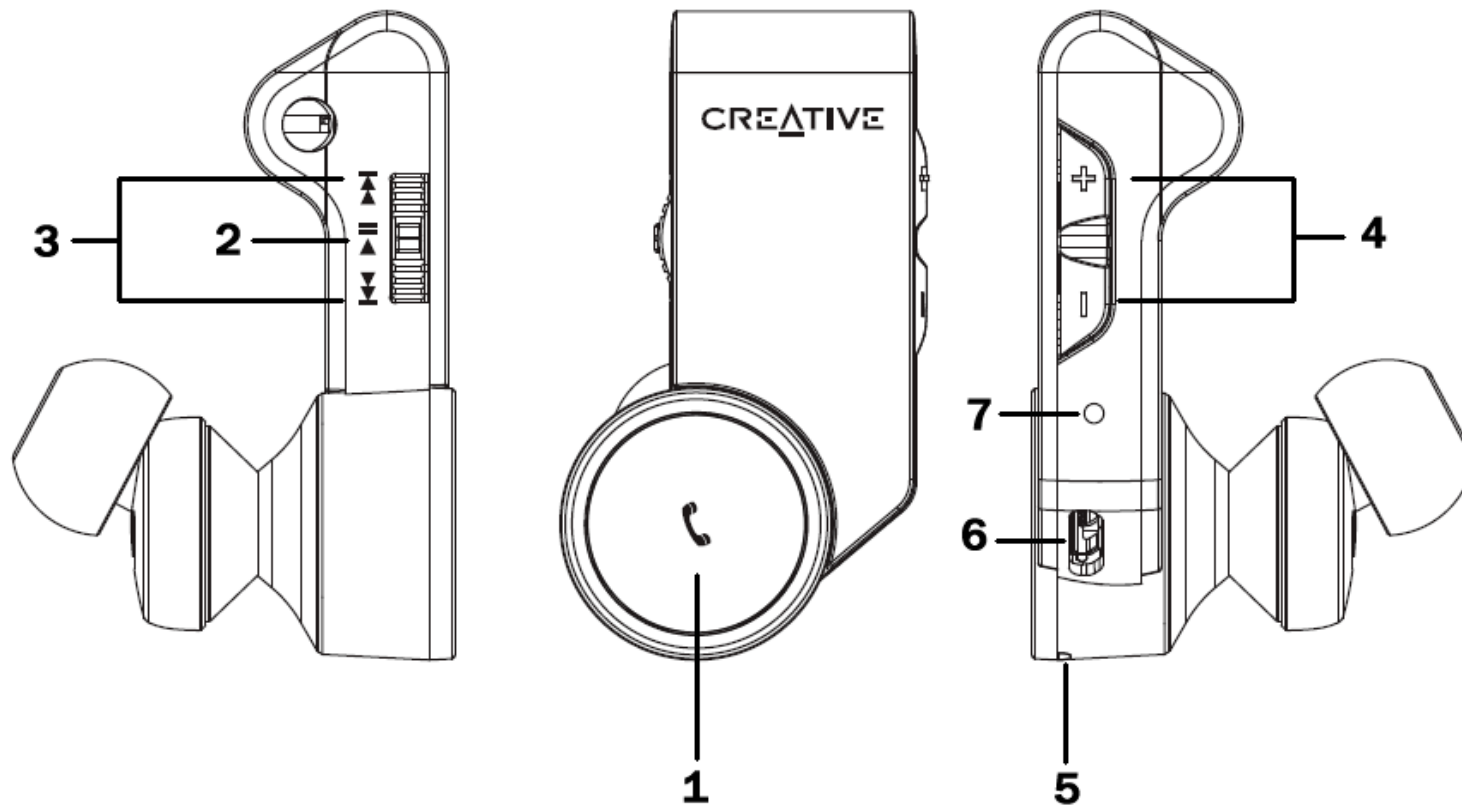
- Press and hold the Volume Down “-” and Multifunction buttons for more than 6 seconds to clear the paired *Bluetooth* devices
- If the headset malfunctions, reset it by supplying USB power, then press the Volume Up “+” and Multifunction buttons for about 1 second

Automatic shutdown

- Once the headset is powered on, if it is unable to connect to the last paired device or failed to pair with a new device within 5 minutes, the headset will automatically shut down.

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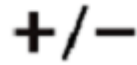
Operational Details



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Operational Details

List of button, indicator and connector / port functions

Button	Function
1  Multifunction (Power / Pair / Call)	Power: Press and hold for 2 seconds to power on the headset. Press and hold for 3 seconds to power off the headset. Pair: In off mode, press and hold for more than 5 seconds to activate Pairing mode. Call: Press and hold for 1 second to activate voice dial. Press and hold for 2 seconds to redial the last called number when no call is in progress. Press and release to answer or end an incoming call. Press and hold for 2 seconds to reject a call during an incoming call. Press twice to accept a call waiting and put on hold the ongoing call. Press together with '+' button and release to initiate a three-way call.
2  Play / Pause	Press to play. Press again to pause playback.
3  Next, Forward / Previous, Backward	Press to change to the next or previous track. Press and hold to scroll forward or backward a track (device dependent).
4  Volume Up / Volume Down	Press '+' to increase or press '-' to decrease volume. A beep tone is emitted at maximum volume level.

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Operational Details

Light Indicator		Function
5 Light indicator		Blue and blinks slowly: connected to a paired device. Blue and blinks rapidly: in pairing mode and is ready to pair with a new device. Red and blinks slowly: low battery level, charge the headset soonest. This is accompanied by a beep tone every 2 minutes. Red: charging headset.
Connector / Port		Function
6 Micro-USB charging connector		Use the supplied USB cable for charging the headset via a laptop or computer.
7 Invisible Microphone		Noise suppression microphone for crystal clear communications

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Suggested Review Steps with a Notebook PC

- Prepare a notebook computer with installed media player and Skype for Internet communications. It should come with built-in *Bluetooth* connectivity; else, it is recommended to obtain a Creative BT-W1 *Bluetooth* transceiver which comes with microphone support
- Pair and connect WP-250 with the notebook computer as outlined in previous sections
- Play and listen to a media file on the notebook computer
- Now launch Skype to review voice communications. Call a contact that you know or just initiate Skype's "Echo/Sound Test Service"
- You will notice that the media playback has been paused for your voice communication
- Once you are done with the Skype call, you will notice that the media playback resumes
- For a better audio/voice quality calls, you may obtain a separate Creative BT-W1 USB transceiver. In the Skype voice call above, you will notice that the Creative BT-W1's light indicator turns to red, highlighting that the microphone/voice function is activated using the bi-directional FastStream codec that allows smoother Internet voice calls

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Suggested Review Steps with a Mobile Phone

- Prepare a mobile phone capable of media playback and ability to support three-way conferencing (if you wish to audition this function)
- Pair and connect WP-250 with the mobile phone as outlined in previous sections
- Play and listen to a media file on the mobile phone
- Now from another phone, place a call to the mobile phone
- You will hear an audible tone in your WP-250 indicating an incoming call. Press the multifunction button to accept the call
- You will notice that the media playback is paused for your voice call
- Once you are done with the call, the media playback resumes
- Repeat above steps for a conference call as outlined in the user guide

Troubleshooting

If you cannot connect the headphones to your *Bluetooth* audio device or mobile phone, do as follows:

- Ensure that the headphones are charged, switched on, paired with, and connected to your *Bluetooth* device.
- Ensure that the *Bluetooth* feature is activated on your device.
- Check that the headphones are within 10 meters / 33 feet of your device and that there are no obstructions between the headphones and the device, such as walls or other electronic devices.
- To reset the headphones if it stops functioning (although it is charged), supply the headphones with USB power, then simultaneously press and hold both the Volume Up “+” and Multifunction buttons for more than 6 seconds (Note however, this reset does not clear your paired device settings).

Troubleshooting

Poor or choppy audio quality when listening to music on the headphones with a computer:

- Ensure that you are within 10 meters / 33 feet from your computer
- Connect as a *Bluetooth* Stereo Audio device if you do not need to use the microphone
- Update your computer's *Bluetooth* drivers to the latest.
For example, this link:

<http://www.broadcom.com/support/bluetooth/update.php> for a computer with Broadcom's embedded *Bluetooth* solution

Troubleshooting

- If the audio + voice quality from Notebook PC's built-in *Bluetooth* connectivity is poor, you can separately obtain a Creative BT-W1 USB *Bluetooth* transceiver. This comes with smooth bi-directional support for audio + voice from FastStream codec.



Exclusively designed for Creative's range of wireless headphones with "invisible microphone" such as Creative WP-250, the Creative BT-W1 USB transceiver wirelessly streams high fidelity stereo music to and delivers crystal clear voice calls from your PC or Mac. You will experience smooth bi-directional FastStream audio with voice for Internet chats and in-game verbal commands. Installation is totally fuss-free and requires no software - just plug in and enjoy a new level of enhanced *Bluetooth* audio capability.

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Specifications

- Driver: 13.5mm Neodymium magnet
- Frequency Response: 20Hz ~ 20kHz
- Impedance: 32ohms
- Wireless Technology: *Bluetooth* 2.1 + EDR (Enhanced Data Rate)
- *Bluetooth* Profiles: A2DP (Wireless stereo *Bluetooth*), AVRCP (*Bluetooth* remote control), HSP (Headset profile), HFP (Hands-free profile)
- Audio Codec: SBC, FastStream
- Operating Range: Up to 10m / 33ft
- Microphone: Built-in omni-directional microphone
- Power Supply: Rechargeable Lithium Ion battery, 3.7V, 180mAh
- Charging time: 2 hours
- Playback time: 6 hours
- Talk time: 7 hours
- Net Weight: 32g / 1.1oz

Specifications subject to change without prior notice

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